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INSPEC K.G.

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3	INZZ	yu-\$	unrestricted	3760	<a href="#">show titles</a>
4	INZZ	3 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	0	-
5	INZZ	burgess-s\$	unrestricted	90	<a href="#">show titles</a>
6	INZZ	5 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	1	<a href="#">show titles</a>
7	INZZ	singh-j\$	unrestricted	1965	<a href="#">show titles</a>
8	INZZ	7 AND (laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs)	unrestricted	10	<a href="#">show titles</a>
9	INZZ	8 AND (cancer\$ OR malignant)	unrestricted	1	<a href="#">show titles</a>
10	INZZ	laser ADJ induced ADJ breakdown ADJ spectro\$ OR libs	unrestricted	215	<a href="#">show titles</a>
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- ☒ Classification codes A: Physics, 0-1

# EAST Search History

EAST + INTERFERENCE K.G.

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	6609	(libs laser near induced near (breakdown break near down) near spectro\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:06
L3	27725	(detect\$ determin\$ analyz\$ measur\$) near4 (cancer\$4 malignant)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:06
L4	408	2 and 3	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 17:57
L5	50204	in near vivo	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 17:58
L6	274	4 and 5	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 17:58
L7	453	(libs laser near induced near (breakdown break near down) near spectro\$)	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/07 17:58
L8	37	3 and 5 and 7	US-PGPUB; USPAT; DERWENT	OR	OFF	2006/04/07 17:59
L9	151	(laser near induced near (breakdown break near down) near spectro\$)	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:01
L10	2	3 and 9	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:01
L11	1388	(detect\$ determin\$ analyz\$ measur\$) near4 (cancer\$4 malignant)	EPO; JPO	OR	ON	2006/04/07 18:02
L12	325	(libs laser near induced near (breakdown break near down) near spectro\$)	EPO; JPO	OR	ON	2006/04/07 18:02
L13	0	11 and 12	EPO; JPO	OR	ON	2006/04/07 18:02
L14	1	akshaya near kumar	EPO; JPO	OR	ON	2006/04/07 18:03
L15	3	akshaya near kumar	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:03
L16	3	fang near yu near yueh	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:03
L17	0	16 and cancer	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:03

## EAST Search History

L18	0	fang near yu near yueh	EPO; JPO	OR	ON	2006/04/07 18:04
L19	1	shane near burgess	EPO; JPO	OR	ON	2006/04/07 18:04
L20	1	shane near burgess	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:05
L21	13	jagdish near singh	US-PGPUB; USPAT; DERWENT	OR	ON	2006/04/07 18:05
L22	7	jagdish near singh	EPO; JPO	OR	ON	2006/04/07 18:05
L23	130	((libs laser near induced near (breakdown break near down) near spectro\$)).clm.	US-PGPUB	OR	ON	2006/04/07 18:06
L24	2673	((detect\$ determin\$ analyz\$ measur\$) same (cancer\$4 malignant)).clm.	US-PGPUB	OR	ON	2006/04/07 18:06
L25	1	23 and 24	US-PGPUB	OR	ON	2006/04/07 18:06



cancer libs author:"kumar"

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Structural and functional characterization of EMF-10, a heterodimeric disintegrin from Eristocophis ... - group of 2 »

... , JJ Calvete, S Vijay-Kumar, MM Marcinkiewicz, M ... - Biochemistry, 1999 - ncbi.nlm.nih.gov

... Sol Sherry Thrombosis Research Center, Fels Research Institute for Cancer and Molecular ... and caused expression of a ligand-induced binding site (LIBS) on the ...

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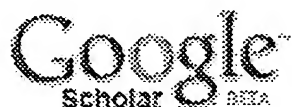
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Laser-induced fluorescence used in localizing atherosclerotic lesions

S Andersson-Engels, A Gustafson, J Johansson, U ... - Lasers in Medical Science, 1989 - Springer  
 ... For some years, **malignant** tumours have been identified in the vessel walls in animal experiments  
**in vivo** and human studies ... of detection systems for localizing **cancer** tissue, as ...  
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Nondestructive analysis of tablet coating thicknesses using terahertz pulsed imaging - group of 3 »

AJ Fitzgerald, BE Cole, PF Taday - Journal of Pharmaceutical Sciences, 2005 - doi.wiley.com  
 ... the water content of the **cancerous** tissue when ... and uniformity on tablets using **laser induced breakdown spectroscopy**. ... and spectroscopy of human skin, **in-vivo**. ...  
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Applications of Laser Spectroscopy - group of 2 »

C Fotakis, S Svanberg - Europhysics News, 1998 - Springer  
 ... Basal cell carcinoma, note the non-**cancerous** brown spot ... applied for early detection  
 of **malignant** tumours and ... of an image processed for **cancer** detection possible ...  
 Cited by 1 - [Web Search](#)

Characterization of **malignant** tissue cells by **laser-induced breakdown spectroscopy** - group of 5 »

A Kumar, FY Yueh, JP Singh, S Burgess - APPLIED OPTICS, 2004 - OSA  
 ... Elemental Ratio Normal Tissue **Malignant** Tissue LIBS I Ratio ... of trace elements in  
**cancer** kidney tissues ... Elemental analysis of colorectal **cancerous** samples using ...  
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57 Applied Spectroscopy Abstracts

IPOSC Algorithm - Appl. Spectrosc, 2003 - sas.org  
 ... **Laser-induced breakdown spectroscopy** (LIBS) is examined as a potential ... associate  
 with early stage **malignant** lesions, suggesting ... early stage oral **cancer** lesions ...  
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184/CLEO'S7/TUESDAY AFTERNOON - group of 2 »

JB Ashcom, NM Lawandy, BL Volodin, DD Steele, B ... - ieeexplore.ieee.org  
 ... Furthermore, treatment of internal **cancer** sites is necessarily ... 2-D images of **in vivo**  
 and in ... Waterloo Road, Hong Kong **Laser-induced breakdown spectroscopy** as an ...  
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U2: COMBINED ULTRASONIC MICROSCOPY AND ULTRAFAST OPTICS FOR MOLECULAR IMAGING AND THERAPY - group of 2 »

MO'Donnell, C Tse, M Zohdy, T Erpelding, K ... - ieeexplore.ieee.org  
 ... one for efficient, robust, programmable molecular detection generally applicable  
 to **in vivo** systems [1-16 ... exist in both the serum of patients with **cancer** and on ...  
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SC182-Biomedical Optical Diagnostics and Sensing

T Huser - biophotonics.ucdavis.edu  
 ... **In vivo** Bioluminescence imaging ... Page 38. **Laser-induced breakdown spectroscopy** (LIBS) ...  
**Cancer** is characterized by cells that grow uncontrollably - even in the ...  
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Laser microprobe mass analysis: a review of applications in the life sciences. - group of 2 »




AH Verbueken, FJ Bruynseels, RE Van Grieken - Biomed Mass Spectrom, 1985 - doi.wiley.com  
... air using the emission spectra generated by the repetitive electrode- less laser  
spark in so-called time-resolved **laser-induced breakdown spectroscopy** (LIBS). ...  
[Cited by 2](#) - [Web Search](#)

[book](#) [Optics and Lasers in Biomedicine and Culture](#)

C Fotakis, T Papazoglou, C Kalpouzos - 2000 - books.google.com

... **Laser Induced Breakdown Spectroscopy** in the Analysis of Pig ... Ratio Imaging Technique  
in **Malignant Brain Tumours** 250 ... **In vivo** Measurement of the Optical Properties ...

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